

IN THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1 (currently amended): A method for determining an optimum procedure for a job change between a first machine job and a subsequent machine job on a printing-material processing machine having at least one control computer, the method comprising:

comparing first data of the first machine job to second data of the subsequent machine job using the at least one control computer, and

establishing an order of adjustments and maintenance operations to be carried out during the job change between the first machine job and the subsequent machine job as a function of the comparing step;

wherein the adjustments and maintenance operations to be carried out during the job change are performed on at least two different components of the printing press to prepare the at least two components for printing the subsequent machine job.

Claim 2 (currently amended): The method as recited in claim 1 wherein the order of the adjustments and maintenance operations to be carried out during the job change is calculated in such a manner that a set-up time or a downtime during the job change is minimized.

Claim 3 (original): The method as recited in claim 1 wherein a number of operating personnel of the printing-material processing machine is taken into account in the determination of the optimum procedure.

Claim 4 (original): The method as recited in claim 1 wherein a length of paths to be traveled by operating personnel of the printing-material processing machine while carrying out the order of processes is taken into account in the determination of the optimum procedure.

Claim 5 (original): The method as recited in claim 1 further comprising visually displaying the established order of processes to operating personnel.

Claim 6 (previously presented): The method as recited in claim 5 wherein the operating personnel are guided through individual steps of a calculated order of processes via one or more display devices mounted on the printing-material processing machine.

Claim 7 (original): The method as recited in claim 1 wherein the established order of processes is communicated to operating personnel in acoustic form.

Claim 8 (previously presented): A device for determining an optimum procedure for a job change on a printing-material processing machine comprising:

at least one control computer comparing first data of a first machine job to second data of a subsequent machine job, and executing program steps as a function of the comparing step to establish an order of operations to be carried out during the job change;

wherein the operations to be carried out during the job change are performed on at least two different components of the printing press to prepare the at least two components for printing the subsequent machine job.

Claim 9 (original): The device as recited in claim 8 further comprising one or more display devices for displaying the order of operations.

Claim 10 (original): The device as recited in claim 8 further comprising a system for acoustic communication of the established order of operations to operating personnel.

Claim 11 (original): The device as recited in claim 10 wherein the system for acoustic communication includes at least one headset wirelessly connected to the control computer.

Claim 12 (original): The device as recited in claim 1 further comprising a display device or a system for acoustic communication for communicating information or errors.

Claim 13 (currently amended): A printing press comprising:

a device for determining an optimum procedure for a job change between a first machine job and a subsequent machine job on a printing-material processing machine, the device including at least one control computer comparing first data of a the first machine job to second data of the subsequent machine job, and executing program steps as a function of the comparing step to establish an order of adjustments and maintenance operations to be carried out during the job change between the first machine job and the subsequent machine job;

wherein the adjustments and maintenance operations to be carried out during the job change are performed on at least two different components of the printing press to prepare the at least two components for printing the subsequent machine job.

Claim 14 (original): The printing press as recited in claim 13 further comprising at least one main drive for driving printing cylinders and plate cylinders or a blanket cylinder as well as separately driven inking units and inking rollers that can be turned off.

Claim 15 (original): The printing press as recited in claim 13 further comprising individual drives for driving cylinders or additional driven components.

Claim 16 (currently amended): The method as recited in claim 1 wherein the establishing step includes accessing a table containing durations of the adjustments and maintenance operations.

Claim 17 (currently amended): The method as recited in claim 1 wherein the establishing of the order of the adjustments and maintenance operations is based solely on the comparing of the first data to the second data.

Claim 18 (currently amended): The method as recited in claim 1 wherein the establishing step includes determining if a first of the adjustments and maintenance operations should occur prior to a second of the adjustments and maintenance operations.

Claim 19 (previously presented): The method as recited in claim 1 wherein the establishing step includes identifying adjustments and maintenance operations to be carried out during the job change between the first machine job and the subsequent machine job and then determining when the adjustments and maintenance operations are to be carried out with respect to one another during the job change as a function of the comparing step.

Claim 20 (previously presented): The method as recited in claim 1 wherein the establishing step includes determining which steps can be performed concurrently and which steps must be performed consecutively.

Claim 21 (previously presented): The method as recited in claim 3 wherein the order of adjustments and maintenance operations depends on the number of operating personnel of the printing-material processing machine in such a manner that an increased number of operating personnel results in an increased number of steps being performed concurrently.

Claim 22 (previously presented): The method as recited in claim 1 wherein a first component of the at least two components is an inking unit and a second component of the at least two components is a plate cylinder.

Claim 23 (previously presented): The method as recited in claim 1 wherein one of the at least two components is an offset printing cylinder.

Claim 24 (previously presented): The method as recited in claim 1 wherein one of the at least two components is a coating unit.

Claim 25 (previously presented): The method as recited in claim 1 wherein a first component of the at least two components and a second component of the at least two components are driven independently of one another.